

# NCLG-120C

Dual Gigabit Ethernet Flächenkamera  
NCLG-120C color /

*Dual Gigabit Ethernet matrix camera  
NCLG-120C color*

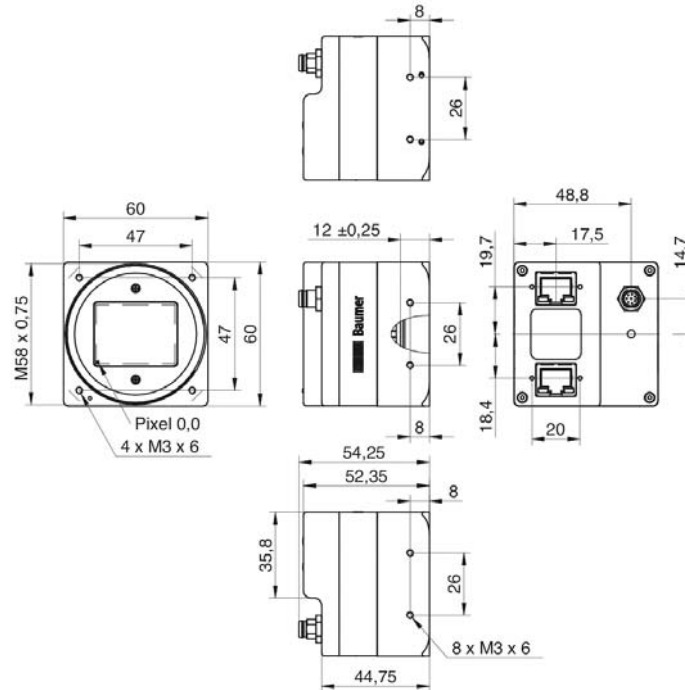


## Technische Beschreibung / Specification

<b>Chip / Sensor</b>	CMOSIS CMV12000 APS-C global shutter CMOS
<b>Anzahl Pixel / Number of pixels</b>	4096 x 3072 px
<b>Pixelgröße / Pixel size</b>	5,5 x 5,5 µm
<b>Chipgröße / Scan area</b>	22,528 mm x 16,896 mm
<b>Optikadapter / Optical interface</b>	M58-Mount (F-Mount, M42-Mount, C-Mount via Adapter)
<b>Bildwechselfrequenz / Frame rate</b>	Full Frame, max. 19,0 fps
<b>Spannungsversorgung / Voltage feed</b>	M8 / 8 pins
<b>Leistungsaufnahme / Power drain</b>	approx. 5,8 W @ 24 VDC and 19 fps approx. 7,2 W @ 48 VDC (PoE) and 19 fps
<b>Anschluss für Daten, Steuerung / Data, control interface</b>	Dual Gigabit Ethernet, Übertragungsrate 1000 Mbits/sec; Steckverbinder 8P8C Modular Jack (RJ45) verschraubbar / <i>Dual Gigabit Ethernet, Transfer rate 1000 Mbits/sec; Connector 8P8C Modular Jack (RJ45) screw lock type</i>
<b>Trigger / Trigger</b>	UIN(low) = 0,0 ... 4,5 VDC UIN(high) = 11,0 ... 30,0 VDC IIN = 6,0 ... 10 mA min. Impulse Length: 2,0 µsec Trigger Delay out of treadout: 4,0 µsec Max. Trigger Delay during treadout: 30,0 µsec
<b>Blitz / Flash</b>	U <sub>EXT</sub> = 5 ... 30 V DC I <sub>OUT</sub> = max. 50 mA
<b>Abmessungen / Dimensions</b>	60 x 60 x 54,25 mm <sup>3</sup> (M58-Mount)
<b>Gewicht / Weight</b>	≤ 290 g (M58-Mount)

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## Technische Zeichnung / Technical drawing



## Pinbelegung Elektrische Anschlüsse / Pin assignment electrical interfaces

Data / Control  
1000 Base-T (Port 1)  
wire colors of the connecting cable



1	green/white	MX1+
2	green	MX1-
3	orange/white	MX2+
4	blue	MX3+
5	blue/white	MX3-
6	orange	MX2-
7	brown/white	MX4+
8	brown	MX4-

Data / Control  
1000 Base-T (Port 2)  
wire colors of the connecting cable



1	green/white	MX1+
2	green	MX1-
3	orange/white	MX2+
4	blue	MX3+
5	blue/white	MX3-
6	orange	MX2-
7	brown/white	MX4+
8	brown	MX4-

### Power Supply / Digital-IO

M8 / 8 pins wire colors of the connecting cable



1	white	OUT 3
2	brown	Power VCC+
3	green	IN 1
4	yellow	IO GND
5	grey	IO Power VCC
6	pink	OUT 1
7	blue	Power GND
8	red	OUT 2